a microcontroller;

~~an HF~~ a high frequency pulse detector circuit broadly tuned about ~~to~~ said predetermined frequency of said current spike signal generated by said ~~passive~~ transmitter on said selected branch circuit; said ~~HF~~ high frequency pulse detector circuit operably connected to said microcontroller;

a user perceivable signaling device operably connected to said microcontroller; and

a power supply operably connected to said microcontroller;

whereby said user perceivable signaling device is driven in response to said ~~HF~~ high frequency pulse detector circuit sensing said current spike signal.

19. (Currently Amended) The system according to Claim 18, further including a field detector circuit for detecting a predetermined alternating current signal, said field detector circuit operably connected to said microcontroller.

20. (Currently Amended) The system of Claim 19, wherein said field detector circuit detects a 60Hz signal.

21. (Currently Amended) The system of Claim 19, wherein said field detector circuit detects a 50Hz signal.

22. (Currently Amended) The system according to Claim 18, wherein said signaling device includes a visual signaling device and an audible signaling device, each of said visual signaling device and audible signaling device being operably connected to said microcontroller.

23. (Currently Amended) The system according to Claim 1, wherein said current spike signal has a spike duration no longer than about 10 microseconds.

24. (Currently Amended) A ~~passive~~ transmitter for use in a system for locating a circuit interrupter associated with a selected branch circuit from amongst a plurality of circuit interrupting devices, each circuit interrupter within said plurality of circuit interrupting devices being operably connected in series with a power line ~~bus bar~~ and a respective branch circuit, each branch circuit having a hot lead and a neutral lead, said ~~passive~~ transmitter